

## Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

SQL> SELECT

```
2  Ename, SYSDATE Today, HireDate,
3  MONTHS_BETWEEN(SYSDATE, HireDate) NMonths
4  FROM Emp;
```

ENAME	TODAY	HIREDATE	NMONTHS
KING	30-JUL-14	17-NOV-81	392.443959
BLAKE	30-JUL-14	01-MAY-81	398.960088
CLARK	30-JUL-14	09-JUN-81	397.702024
JONES	30-JUL-14	02-APR-81	399.92783
MARTIN	30-JUL-14	28-SEP-81	394.089121
ALLEN	30-JUL-14	20-FEB-81	401.347185
TURNER	30-JUL-14	08-SEP-81	394.734282
JAMES	30-JUL-14	03-DEC-81	391.895572
WARD	30-JUL-14	22-FEB-81	401.282669
FORD	30-JUL-14	03-DEC-81	391.895572
SMITH	30-JUL-14	17-DEC-80	403.443959
SCOTT	30-JUL-14	09-DEC-82	379.702024
ADAMS	30-JUL-14	12-JAN-83	378.60525
MILLER	30-JUL-14	23-JAN-82	390.250411

14 rows selected.

SQL> R

```
1  SELECT
2  Ename, SYSDATE Today, HireDate,
3  MONTHS_BETWEEN(SYSDATE, HireDate) NMonths
4* FROM Emp
```

ENAME	TODAY	HIREDATE	NMONTHS
KING	28-JUL-14	17-NOV-81	392.379465
BLAKE	28-JUL-14	01-MAY-81	398.895594
CLARK	28-JUL-14	09-JUN-81	397.637529
JONES	28-JUL-14	02-APR-81	399.863336
MARTIN	28-JUL-14	28-SEP-81	394
ALLEN	28-JUL-14	20-FEB-81	401.282691
TURNER	28-JUL-14	08-SEP-81	394.669788
JAMES	28-JUL-14	03-DEC-81	391.831078
WARD	28-JUL-14	22-FEB-81	401.218175
FORD	28-JUL-14	03-DEC-81	391.831078
SMITH	28-JUL-14	17-DEC-80	403.379465
SCOTT	28-JUL-14	09-DEC-82	379.637529

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```
ADAMS      28-JUL-14 12-JAN-83 378.540755
MILLER     28-JUL-14 23-JAN-82 390.185917
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename, SYSDATE Today, HireDate,
3  MONTHS_BETWEEN(HireDate, SYSDATE) NMonths
4* FROM Emp
SQL> /
```

ENAME	TODAY	HIREDATE	NMONTHS
KING	30-JUL-14	17-NOV-81	-392.44403
BLAKE	30-JUL-14	01-MAY-81	-398.96015
CLARK	30-JUL-14	09-JUN-81	-397.70209
JONES	30-JUL-14	02-APR-81	-399.9279
MARTIN	30-JUL-14	28-SEP-81	-394.08319
ALLEN	30-JUL-14	20-FEB-81	-401.34725
TURNER	30-JUL-14	08-SEP-81	-394.73435
JAMES	30-JUL-14	03-DEC-81	-391.89564
WARD	30-JUL-14	22-FEB-81	-401.28274
FORD	30-JUL-14	03-DEC-81	-391.89564
SMITH	30-JUL-14	17-DEC-80	-403.44403
SCOTT	30-JUL-14	09-DEC-82	-379.70209
ADAMS	30-JUL-14	12-JAN-83	-378.60532
MILLER	30-JUL-14	23-JAN-82	-390.25048

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename, SYSDATE Today, HireDate,
3  TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate)) NMonths
4* FROM Emp
SQL> /
```

ENAME	TODAY	HIREDATE	NMONTHS
KING	30-JUL-14	17-NOV-81	392
BLAKE	30-JUL-14	01-MAY-81	398

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```
CLARK      30-JUL-14 09-JUN-81      397
JONES      30-JUL-14 02-APR-81      399
MARTIN     30-JUL-14 28-SEP-81      394
ALLEN      30-JUL-14 20-FEB-81      401
TURNER     30-JUL-14 08-SEP-81      394
JAMES      30-JUL-14 03-DEC-81      391
WARD       30-JUL-14 22-FEB-81      401
FORD       30-JUL-14 03-DEC-81      391
SMITH      30-JUL-14 17-DEC-80      403
SCOTT      30-JUL-14 09-DEC-82      379
ADAMS      30-JUL-14 12-JAN-83      378
MILLER     30-JUL-14 23-JAN-82      390
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename, HireDate,
3  TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate)) NMonths,
4  TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate) / 12) NYears
5* FROM Emp
SQL> /
```

ENAME	HIREDATE	NMONTHS	NYEARS
KING	17-NOV-81	392	32
BLAKE	01-MAY-81	398	33
CLARK	09-JUN-81	397	33
JONES	02-APR-81	399	33
MARTIN	28-SEP-81	394	32
ALLEN	20-FEB-81	401	33
TURNER	08-SEP-81	394	32
JAMES	03-DEC-81	391	32
WARD	22-FEB-81	401	33
FORD	03-DEC-81	391	32
SMITH	17-DEC-80	403	33
SCOTT	09-DEC-82	379	31
ADAMS	12-JAN-83	378	31
MILLER	23-JAN-82	390	32

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

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```
1 SELECT
2 Ename, HireDate,
3 TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate)) NMonths,
4 TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate) / 12) NYears,
5 TRUNC((SYSDATE - HireDate) / 365) NYears
6* FROM Emp
SQL> /
```

ENAME	HIREDATE	NMONTHS	NYEARS	NYEARS
KING	17-NOV-81	392	32	32
BLAKE	01-MAY-81	398	33	33
CLARK	09-JUN-81	397	33	33
JONES	02-APR-81	399	33	33
MARTIN	28-SEP-81	394	32	32
ALLEN	20-FEB-81	401	33	33
TURNER	08-SEP-81	394	32	32
JAMES	03-DEC-81	391	32	32
WARD	22-FEB-81	401	33	33
FORD	03-DEC-81	391	32	32
SMITH	17-DEC-80	403	33	33
SCOTT	09-DEC-82	379	31	31
ADAMS	12-JAN-83	378	31	31
MILLER	23-JAN-82	390	32	32

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 Ename, HireDate,
3 TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate)) NMonths,
4 TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate) / 12) NYears
5 FROM Emp
6* WHERE TRUNC(MONTHS_BETWEEN(SYSDATE, HireDate) / 12) > 32
SQL> /
```

ENAME	HIREDATE	NMONTHS	NYEARS
BLAKE	01-MAY-81	398	33
CLARK	09-JUN-81	397	33
JONES	02-APR-81	399	33
ALLEN	20-FEB-81	401	33
WARD	22-FEB-81	401	33

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SMITH            17-DEC-80            403            33

6 rows selected.

SQL> cl scr

SQL> SELECT  
2 SYSDATE Today, NEXT\_DAY(SYSDATE, 6) NextDay  
3 FROM DUAL;

TODAY	NEXTDAY
-----	-----
30-JUL-14	01-AUG-14

SQL> ED  
Wrote file afiedt.buf

1 SELECT  
2 SYSDATE Today, NEXT\_DAY(SYSDATE, 'FRI') NextDay  
3\* FROM DUAL  
SQL> /

TODAY	NEXTDAY
-----	-----
30-JUL-14	01-AUG-14

SQL> ED  
Wrote file afiedt.buf

1 SELECT  
2 SYSDATE Today, NEXT\_DAY(SYSDATE, 'FRIDAY') NextDay  
3\* FROM DUAL  
SQL> /

TODAY	NEXTDAY
-----	-----
30-JUL-14	01-AUG-14

SQL> ED  
Wrote file afiedt.buf

1 SELECT  
2 SYSDATE Today, NEXT\_DAY(SYSDATE, 'WED') NextDay  
3\* FROM DUAL  
SQL> /

---

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```
TODAY      NEXTDAY
-----
30-JUL-14 06-AUG-14
```

```
SQL> cl scr
```

```
SQL> SELECT
  2  SYSDATE Today, LAST_DAY(SYSDATE) Lastday
  3  FROM DUAL;
```

```
TODAY      LASTDAY
-----
30-JUL-14 31-JUL-14
```

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT
  2  'The Number of Days Left : '||(LAST_DAY(SYSDATE) - SYSDATE) Ndays
  3* FROM DUAL
SQL> /
```

```
NDAYS
```

```
-----
The Number of Days Left : 1
```

```
SQL> SELECT
  2  Ename, HireDate, Sal
  3  FROM Emp;
```

ENAME	HIREDATE	SAL
KING	17-NOV-81	5000
BLAKE	01-MAY-81	2850
CLARK	09-JUN-81	2450
JONES	02-APR-81	2975
MARTIN	28-SEP-81	1250
ALLEN	20-FEB-81	1600
TURNER	08-SEP-81	1500
JAMES	03-DEC-81	950
WARD	22-FEB-81	1250
FORD	03-DEC-81	3000
SMITH	17-DEC-80	800
SCOTT	09-DEC-82	3000
ADAMS	12-JAN-83	1100
MILLER	23-JAN-82	1300

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---

14 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  Ename,
3  HireDate,
4  Sal,
5  LAST_DAY(HireDate) - HireDate NDays,
6  TRUNC(Sal / 30) Pay_By_Day,
7  TRUNC((LAST_DAY(HireDate) - HireDate) * (Sal / 30)) FirstPay
8* FROM Emp
SQL> /
```

ENAME	HIREDATE	SAL	NDAYS	PAY_BY_DAY	FIRSTPAY
KING	17-NOV-81	5000	13	166	2166
BLAKE	01-MAY-81	2850	30	95	2850
CLARK	09-JUN-81	2450	21	81	1715
JONES	02-APR-81	2975	28	99	2776
MARTIN	28-SEP-81	1250	2	41	83
ALLEN	20-FEB-81	1600	8	53	426
TURNER	08-SEP-81	1500	22	50	1100
JAMES	03-DEC-81	950	28	31	886
WARD	22-FEB-81	1250	6	41	250
FORD	03-DEC-81	3000	28	100	2800
SMITH	17-DEC-80	800	14	26	373
SCOTT	09-DEC-82	3000	22	100	2200
ADAMS	12-JAN-83	1100	19	36	696
MILLER	23-JAN-82	1300	8	43	346

14 rows selected.

SQL> cl scr

```
SQL> SELECT
2  SYSDATE Today,
3  ROUND(SYSDATE) Round,
4  TRUNC(SYSDATE) Truncated
5  FROM DUAL;
```

TODAY	ROUND	TRUNCATED
30-JUL-14	31-JUL-14	30-JUL-14

---

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---

SQL> /

TODAY	ROUND	TRUNCATED
30-JUL-14	30-JUL-14	30-JUL-14

SQL> cl scr

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT
2  SYSDATE Today,
3  ROUND(SYSDATE, 'DAY') Round,
4  TRUNC(SYSDATE, 'DAY') Truncated
5* FROM DUAL
SQL> /
```

TODAY	ROUND	TRUNCATED
30-JUL-14	03-AUG-14	27-JUL-14

SQL> /

TODAY	ROUND	TRUNCATED
30-JUL-14	27-JUL-14	27-JUL-14

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT
2  SYSDATE Today,
3  ROUND(SYSDATE, 'DAY') + 1 Round,
4  TRUNC(SYSDATE, 'DAY') - 1 Truncated
5* FROM DUAL
SQL> /
```

TODAY	ROUND	TRUNCATED
30-JUL-14	04-AUG-14	26-JUL-14

SQL> /

TODAY	ROUND	TRUNCATED
-------	-------	-----------

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---

-----  
30-JUL-14 28-JUL-14 26-JUL-14

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  SYSDATE Today,
3  ROUND(SYSDATE, 'MONTH') Round,
4  TRUNC(SYSDATE, 'MONTH') Truncated
5* FROM DUAL
SQL> /
```

TODAY	ROUND	TRUNCATED
30-JUL-14	01-AUG-14	01-JUL-14

SQL> /

TODAY	ROUND	TRUNCATED
15-JUL-14	01-JUL-14	01-JUL-14

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  SYSDATE Today,
3  ROUND(SYSDATE, 'YEAR') Round,
4  TRUNC(SYSDATE, 'YEAR') Truncated
5* FROM DUAL
SQL> /
```

TODAY	ROUND	TRUNCATED
30-JUL-14	01-JAN-15	01-JAN-14

SQL> /

TODAY	ROUND	TRUNCATED
30-JUN-14	01-JAN-14	01-JAN-14

---

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---

SQL> cl scr

```
SQL> SELECT
  2  '1234.56' Num1,
  3  '5178.45' Num2,
  4  '1234.56' + '5178.45' Result
  5  FROM DUAL;
```

NUM1	NUM2	RESULT
1234.56	5178.45	6413.01

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT
2  '1,234.56' Num1,
3  '5,178.45' Num2,
4  '1,234.56' + '5,178.45' Result
5* FROM DUAL
```

SQL> /  
'1,234.56' + '5,178.45' Result  
\*

ERROR at line 4:  
ORA-01722: invalid number

SQL> cl scr

SQL> SPPOOL OFF

---

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